

Great Lakes Navigation Business Line (Operations & Maintenance)  
FY16 Final Appropriation **including Funding Pots**  
Summary – 9 Feb 2016

**Navigation O&M**      **\$142.8M [\$109.9M + \$32.9M funding pots]**

**\$59.2M      Primary Dredging 4.4M cu yds [3.5M + 0.8M funding pots]**

- Indiana Harbor \$4.083M
- Toledo \$5.42M
- Duluth \$3.0M + \$0.5M
- Cleveland **reduced to \$2.8M**
- Rouge River \$0.9M
- Green Bay \$2.5M + \$1.6M
- Burns Harbor \$1.659M
- Saginaw \$2.2M + \$2M
- Muskegon \$0.65M
- Sandusky \$1.7M
- Grand Haven \$1.0M
- Manistee \$0.65M
- Holland \$0.75M
- Conneaut \$1.35M
- Calumet \$2.29M + \$4.5M
- Presque Isle \$0.596M
- Erie \$1.5M
- Rochester \$2.32M
- Ludington \$0.59M
- Waukegan \$1.439M
- Huron \$3.2M
- St. Joseph \$1.59M
- Manitowoc \$0.845M
- Oswego Harbor \$1.3M
- Ontonagon Harbor \$0.85M
- **Alpena Harbor \$0.85M**
- **Lorain Harbor \$1.45M**
- **Fairport Harbor \$1.2M**
- **Monroe Harbor \$1.1M**
- **Manistique Harbor \$0.85M**

\$6.6M      Strike Removal (Detroit River, St. Clair, St. Marys River)

**\$8.585M      Dredged Material Management**

- \$5.235M      CDF – Operations (Cleveland, Indiana, Saginaw)
- \$2.55M      CDF Maintenance (Calumet, Indiana, Detroit)
- \$0.60M      DMMP (Cleveland)
- \$0.2M      Toledo Island 18 (E&D)**

**\$18.1M      Lock Operation & Maintenance (Black Rock, Chicago, Soo)**

\$1.06M	Chicago Lock – utility tunnel and Arc Flash main control panel
\$0.62M	Chicago Lock – Utility Relocation from failing North Pier tunnel
\$0.7M	Chicago Lock – Gate Bays Ballasting and Seal Replacement

\$14.6M Soo Asset Renewal

\$0.2M	Soo Locks Asset Renewal – Mac valve bulkheads
\$0.5M	Soo Locks Asset Renewal – Poe miter gate pendants
\$3.0M	Soo Locks Asset Renewal – West Center Pier repair
\$4.6M	Soo Locks Asset Renewal – Poe Electrical Rehab
\$6.0M	Soo Locks Asset Renewal – Poe Embedded Anchorage Replacement Gates 1 & 3
\$0.3M	Soo Locks Asset Renewal – Poe Miter/Quoin Block E&D

\$0.50M St. Marys Major Rehab Report

\$9.284M Project Condition Surveys, Ops

\$11.43M Floating Plant Repair Fleet (Cleveland, Calumet, Indiana, Duluth, Two Harbors, Toledo, Conneaut, Milwaukee, Sandusky)

\$7.9M Structure Repair by Contract

\$0.75M	Breakwater Repair Muskegon
\$1.0M	St. Marys River – Rock cut repair
\$0.75M	Ludington S. Breakwater head repair
\$2.36M	Waukegan N. Pier Repair
\$0.6M	Sandusky Spur Dike Repair
\$0.65M	Barcelona E&D and Repair
\$1.8M	Grand Haven S. Pier Repair

\$1.32M Breakwater Repair E&D (Conneaut, Milwaukee, Buffalo, Fairport, Muskegon)

\$0.784M Lake Michigan Diversion Accounting

\$0.25M Regional Economic Data (Cleveland)

\$0.25M Coastal Structure Condition Assessments (Duluth)

\$2.1M Joint Costs – Soo Security & Grounds Maintenance

RED – Added in FY16 Final Workplan Allocation

\*Note: Cleveland funding was reduced in the FY16 Appropriation from \$9.54M in the FY16 President's Budget to \$5.49M in the FY16 final appropriation. The reduced number is reflected above.